APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/483,105	01/14/2000	Thomas J. Perkowski	100-033USA000	7941

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Thomas J Perkowski Esq
Soundview Plaza
1266 East Main Street
Stamford, CT 06902

EXAMINER
GART, MATTHEW S

ART UNIT	PAPER NUMBER
3625	

DATE MAILED: 01/29/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

> A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
> - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
> - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
> - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
> - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
> - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _23 December 2002_ .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-4 and 13-38_ is/are pending in the application.

4a) Of the above claim(s) _5-12 and 39-43_ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) _____ is/are rejected.

7)☒ Claim(s) _3_ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _1/14/2000_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____ .

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)   4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)   5) ☐ Notice of Informal Patent Application (PTO-152)

3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .   6) ☐ Other: .

DETAILED ACTION

Specification

The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Objections

Referring to claim 3. Applicant is advised that should claim 3 be found allowable, claim 2 will be objected to under 37 CFR 1.75 as being a substantial duplicate thereof. When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-4, 23, 25, 28-30, 33, and 35-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Knowles U.S. Patent No. 5,905,251, in view of Official Notice.

Referring to claim 1. 251' discloses an IP-based network installed in a publishing

organization and Internet-based system comprising:

- A plurality of publisher-operated client computer subsystems connected to said

  IP-based network (at least column 5, lines 17-44), for enabling different

  departments within said publishing organization to manage different types of Bar

  Code/URL links based on the type of information contained within the URL

  specified information resource on the WWW and within the Bar Code section of

  an article of print media (at least column 2, lines 7-20 and column 2, lines 35-41).

251' does not expressly disclose the use of a Universal Product Number. 251'

does disclose the use of an URL-encoded bar code symbol that is functionally

equivalent to the instant's application use of a Universal Product Number. An object of

251' is to provide an Internet Scanning System, which includes a bar code symbol

reader programmed to read URL-encoded bar code symbols printed on various types of

print media which, when read thereby, automatically connects the Internet Client

System to the Internet Server that supports the Web-site specified by the scanned URL-

encoded bar code symbol (at least column 2, lines 35-40). At the time the invention

was made, it would be obvious to a person of ordinary skill in the art to modify the

system of 251' to include Universal Product Numbers as discussed above in order to

eliminate the need for a user to manually press a sequence of keys on a keyboard

corresponding to the characters of a URL being selected (at least column 1, line 61 to

column 2, line 6).

Referring to claims 2-3. 251' further discloses an Internet-based system wherein each said publisher-operated computer-based publishing system enables the electronic layout of:

- A Web-based publication having different content and advertising sections associated with each Web-page thereof and each such Web-page being located on the WWW at a particular URL (at least column 6, lines 34-55);

- A print-media based publication having different content sections and advertising sections associated with each printed-page thereof (at least column 6, lines 34-55); and

- Where between each such content section and advertising section is assigned a Bar Code which is symbolically linked to a particular content or advertising section on the corresponding Web-page (at least column 2, line 64 to column 3, line 9).

Referring to claim 4. 251' further discloses an Internet-based system wherein each said computer-based publishing subsystem is capable of automatically generating Bar Code/URL data link tables listing the URLs of each Web page symbolically linked to a Bar Code assigned to a corresponding printed media page, and that such Bar Code/URL data link tables are transportable to a Bar Code/URL database management subsystem using electronic data interchange techniques, thereby enabling consumers to link from print-media to corresponding Web-based media using Bar Codes printed on documents (at least Fig. 1 and Fig. 1a).

Referring to claims 23 and 25. 251' discloses an Internet-based client subsystem

for operation by a publisher of print media based documents and Web-based

documents, comprising:

- A computing platform (at least Fig. 1);

- A publishing software program for executing on said computing platform, and

  having a composition/editing mode of operation (at least column 5, lines 17-44);

- A Bar Code/URL data linking mode of operation (at least Abstract), wherein said

  publishing software program simultaneously enables the composition and edition

  a Web-based document and corresponding a print-media based document (at

  least column 5, lines 17-44); and

- A Bar Code/URL data link table indicating the symbolic links established between

  particular content sections within said Web-based document and particular

  content sections within said print-media based document (at least column 7, line

  51 to column 8, line 9).

251' does not expressly disclose the use of a Universal Product Number. 251'

does disclose the use of an URL-encoded bar code symbol that is functionally

equivalent to the instant's application use of a Universal Product Number. An object of

251' is to provide an Internet Scanning System, which includes a bar code symbol

reader programmed to read URL-encoded bar code symbols printed on various types of

print media which, when read thereby, automatically connects the Internet Client

System to the Internet Server that supports the Web-site specified by the scanned URL-

encoded bar code symbol (at least column 2, lines 35-40). At the time the invention

was made, it would be obvious to a person of ordinary skill in the art to modify the

system of 251' to include Universal Product Numbers as discussed above in order to

eliminate the need for a user to manually press a sequence of keys on a keyboard

corresponding to the characters of a URL being selected (at least column 1, line 61 to

column 2, line 6).

Referring to claims 28-30, 33, and 35-37. 251' further discloses an

Internet-based client system wherein:

- Said Web-based document includes one or more advertising sections and said

  corresponding print-based document also includes one or more advertising

  sections (at least column 6, lines 34-55);

- At least one of said advertising sections in said print-based document is assigned

  a Bar Code that is symbolically linked to a URL in at least one Web-based

  document published on the Internet (at least column 6, lines 34-55);

- Each content section in said Web-based document is assigned a Bar Code,

  which is symbolically linked to a particular content section in said corresponding

  Web page located at a specified URL (at least Abstract);

- During said Bar Code/URL data linking mode of operation, symbolic links can be

  established between particular content sections within said Web-based

  document and particular content sections within said print-media based

  document (at least Abstract); and

- Said OS-based Bar Code/URL data linking functionality supports electronic data

  interchange functionalities for transporting said Bar Code/URL data link table to a

Bar Code/URL database management subsystem (at least column 7, line 51 to

column 8, line 9).

Claims 13-14, 16-17, and 22 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Knowles U.S. Patent No. 5,905,251 in view of Official Notice, in

further view of Russell U.S. Patent No. 5,905,248.

Referring to claim 13. 251' discloses an Internet-based information system,

comprising:

- A plurality of publisher-operated client subsystems connected to said IP-based

  network for the purpose of enabling different departments within the publishing

  organization to manage different types of Bar Codes/URL links based on the type

  of information contained within the URL specified information resource on the

  WWW (at least column 2, lines 7-20 and column 2, lines 35-41).

251' does not expressly discloses an Internet-based information system,

comprising:

- An IP-based network installed in a retail-shopping environment and connected to

  the infrastructure of the Internet by way of an IP-based router.

248' discloses an Internet-based information system, comprising:

- An IP-based network installed in a retail-shopping environment and connected to

  the infrastructure of the Internet by way of an IP-based router (at least Abstract).

At the time the invention was made, it would be obvious to a person of ordinary

skill in the art to modify the system of 251' in view of Official Notice to include the

limitations of 248' as discussed above to facilitate the use of an access terminal for

allowing an operator to access and display HTML-encoded documents located on an

information network by reading bar code symbols encoded with URLs (251', at least

column 2, line 30 to column 4, line 7).

251' does not expressly disclose the use of a Universal Product Number. 251'

does disclose the use of an URL-encoded bar code symbol that is functionally

equivalent to the instant's application use of a Universal Product Number. An object of

251' is to provide an Internet Scanning System, which includes a bar code symbol

reader programmed to read URL-encoded bar code symbols printed on various types of

print media which, when read thereby, automatically connects the Internet Client

System to the Internet Server that supports the Web-site specified by the scanned URL-

encoded bar code symbol (at least column 2, lines 35-40). At the time the invention

was made, it would be obvious to a person of ordinary skill in the art to modify the

system of 251' to include Universal Product Numbers as discussed above in order to

eliminate the need for a user to manually press a sequence of keys on a keyboard

corresponding to the characters of a URL being selected (at least column 1, line 61 to

column 2, line 6).

Referring to claims 14 and 16-17. 251' further discloses an Internet-based

information system, wherein

- Each said publisher-operated client subsystem has a publishing software

  program having a composition/editing mode of operation and a Bar Code/URL

  data linking mode of operation, wherein said computer-based publishing software

  program simultaneously enables the composition and edition a Web-based

document and corresponding a print-media based document (at least column 5, lines 17-44).

- Said publishing software programs generates a Bar Code/URL data link table indicating the symbolic links established between particular content sections within said Web-based document and particular content sections within said print-media based document (at least column 7, line 51 to column 8, line 9); and

- Said publishing software program supports electronic data interchange functionalities for transporting said Bar Code/URL data link table to a Bar Code/URL database management subsystem (at least column 7, line 51 to column 8, line 9).

Referring to claim 22. 251' in view of Official Notice in further view of 248' discloses an Internet-based information system according to claim 13 as indicated supra. 251' does not expressly disclose a network information server on said IP-network for maintaining a secure firewall. Examiner takes Official Notice that the addition of a secure firewall to an e-commerce web site was well known in the art at the time the invention was made. Accordingly, it would have been an obvious matter of design choice to modify 251' by having a secure firewall, because of the security risks when a consumer connects to external web sites. The ability to connect to external web sites by simply pointing and clicking on highlighted URLs embedded in an HTML document has contributed enormously to the growth and popularity of the Internet in the last few years (251': at least column 1, lines 49-60), and this growth of e-commerce traffic is directly proportional to the growth of e-commerce security risks.

Claims 15, 18-21, 24, 26-27, 31-32, and 34 are rejected under 35 U.S.C.

103(a) as being unpatentable over Knowles U.S. Patent No. 5,905,251 in view of

Official Notice, in further view of Russell U.S. Patent No. 5,905,248, in further view

of Leshem U.S. Patent No. 5,870,559.

Referring to claims 15 and 24. 251' in view of Official Notice in further view of

248' discloses a system according to claims 13 and 22 as indicated supra. 251' in view

of Official Notice in further view of 248' does not expressly disclose a split-screen GUI

having left-side and right-side display frames, wherein the layout of said Web-based

document is displayed in said left-side display frame of said split-screen GUI, and said

print-media based document is displayed on said right-side display frame of said

split-screen GUI. 559' discloses a split-screen GUI having display frames, wherein the

layout of said Web-based document is displayed in one frame of said split-screen GUI,

and said print-media based document is displayed on another display frame of said

split-screen GUI (at least column 15, line 49 to column 16, line 65). At the time the

invention was made, it would be obvious to a person of ordinary skill in the art to modify

the system of 251' in view of Official Notice, in further view of 248' to include the

limitations of 559' as discussed above because as detailed in 251' the Internet Terminal

Unit **17** is connected to the Internet by way of an ISP **4** and includes means for

supporting various GUI-based Internet browser programs. Examiner takes official

notice that the relative orientation of the display frames (left vs. right, upper vs. lower,

etc.) has no functional relevance on the claimed invention.

Referring to claims 19-21. 251' further discloses

- A Bar Code/URL data linking mode of operation, each content section in said Web-based document is assigned a Bar Code that is symbolically linked to a particular content section in said corresponding Web-page located at a specified URL (at least Claim 1);

- A system wherein said Web-based document also includes one or more advertising sections and said corresponding print-based document also includes one or more advertising sections, and wherein at least one of said content sections in said print-based document is assigned a Bar Code which is symbolically linked to a particular content section on said corresponding Web-based document (at least column 6, lines 34-55); and

- A system wherein at least one of said advertising sections in said print-based document is assigned a Bar Code that is symbolically linked to a URL in at least one Web-based document published on the Internet (at least column 6, lines 34-55).

Referring to claims 18 and 27. 251' in view of Official Notice in further view of 248' in further view of 559' discloses a system according to claims 15 and 23 as indicated supra. 251' in view of Official Notice in further view of 248' in further view of 559' does not expressly disclose an Internet-based information system wherein said left-side display frame has a first set of independent scroll bars, and said right-side display frame has a second set of independent scroll bars, thereby facilitating alignment of corresponding sections during said composition/editorial mode of operation and said Bar Code/URL data linking mode of operation. 559' does discloses an Internet-based

information system, wherein said display frame has a <u>Pan Window feature</u>, thereby

facilitating alignment of corresponding sections during said composition/editorial mode

of operation and said UPN/URL data linking mode of operation (559': at least column

16, line 48 to column 17, line 60). 559' does not expressly disclose an internet-based

information system wherein said left-side display frame has a first set of <u>independent</u>

<u>scroll bars</u>, and said right-side display frame has a second set of <u>independent scroll</u>

<u>bars</u>. It would have been obvious matter of design choice to modify 559' by having

<u>independent scroll bars</u>, since applicant has not disclosed that having <u>independent</u>

<u>scroll bars</u> solves any stated problem or is for any particular purpose and it appears that

the user interface would perform equally well with various display alignment means

including a <u>Pan Window feature</u>.

   <u>Referring to claim 26</u>. 251' further discloses an Internet-based client subsystem

wherein said publishing software program supports electronic data interchange

functionalities for transporting said Bar Code/URL data link table to a Bar Code/URL

database management subsystem (at least Fig. 2).

   <u>Referring to claims 31 and 32</u>. 251' further discloses an OS-based Bar

Code/URL data linking functionality, wherein said OS-based based Bar Code/URL data

linking functionality having a composition/editing mode of operation and a Bar

Code/URL data linking mode of operation (at least Fig. 2), wherein said content

creating/browsing application enables the creation and browsing of a Web-based

document during said composition/editing mode of operation, whereas said content

creating/browsing application enables the creation and browsing of a print-media based

document during said composition/editing mode of operation. 559' further discloses an

Internet-based information system that enables the simultaneous operation of at least

first and second content creating/browsing application on a common computing platform

having a GUI (at least Fig. 4). At the time the invention was made, it would be obvious

to a person of ordinary skill in the art to modify the system of 251' in view of Official

Notice, in further view of 248' to include the limitations of 559' as discussed above

because as detailed in 251' the Internet Terminal Unit 17 is connected to the Internet by

way of an ISP 4 and includes means for supporting various GUI-based Internet browser

programs.

Referring to claim 34. 251' in view of Official Notice in further view of 248'

discloses a system according to claim 30 as indicated supra. 251' in view of Official

Notice in further view of 248' does not expressly disclose an Internet-based information

system wherein during said Bar Code/URL data linking mode of operation, said

symbolic links can be drawn graphically while alpha-numeric representations on said

symbolic links are created and stored in a Bar Code/URL data link table. 559' discloses

an Internet-based information system wherein during said Bar Code/URL data linking

mode of operation, said symbolic links can be drawn graphically while alpha-numeric

representations on said symbolic links are created and stored in a UPN/URL data link

table (at least Fig. 4). At the time the invention was made, it would be obvious to a

person of ordinary skill in the art to modify the system of 251' in view of Official Notice,

in further view of 248' to include the limitations of 559' as discussed above because as

detailed in 251' the Internet Terminal Unit **17** is connected to the Internet by way of an

ISP **4** and includes means for supporting various GUI-based Internet browser programs.

Conclusion

The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Cragun, U.S. Patent No. 5,804,803, September 8, 1998; discloses a mechanism

for retrieving information using data encoded on an object.

Knowles, U.S. Patent No. 5,869,819, February 9, 1999; discloses an internet-

based system and method for tracking objects bearing URL-Encoded bar code

symbols.

Any inquiry concerning this communication should be directed to Matthew Gart

whose telephone number is 703-305-5355. This examiner can normally be reached

Monday-Friday, 8:30AM-5:30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ms. Wynn Coggins can be reached on 703-308-1344. The fax phone

numbers for the organization where this application or proceeding is assigned are 703-

746-7239 for regular communications and 703-746-7238 for After Final

communications.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is 703-305-

3900.

MSG

January 20, 2003

WYNN W. COGGINS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600